CLAIMS

Having fully described my invention I claim:

17. (new) A Computer Program Operation Interface comprising:

A molded plastic horizontal base platform having a generally oval shaped deck intended to interface with a horizontal work surface,

said base platform having a vertical tab rising up from one end of the oval shaped deck at a 90 degree angle,

said base platform having a vertical pillar rising up from the oval shaped deck in approximately the center and at a 90 degree angle with a threaded hole in the top,

Said base platform having an orifice molded into the oval shaped deck between the vertical tab and the vertical pillar and in the top of the vertical tab both configured to receive an industry standard X-Y axis rollerball sensor with its appurtenances,

said base platform having a vertical shortwall around its perimeter slightly inside the outer edge of the base platform forming a stepledge around the perimeter of the horizontal base platform,

said vertical shortwall having molded into each of its long sides four orifices configured to receive four industry standard on/off microswitches with their appurtenances, and

said vertical shortwall having a small U shaped slot molded into it at the end opposite toe vertical tab.

18. (new) A Computer Program Operation Interface comprising:

A molded plastic covering shell generally egg shaped of a size and shape to fit into and completely fill the palm cavity of a relaxed hand in the natural position,

said covering shell to have molded into one or the other side four finger pads each vertically separated from each other but hinged at the top,

said covering shell to have a small I shaped slot molded

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into the one end and a large U shaped slot molded into the
other end,

said covering shell having a textured surface to allow vent-
ilation for the palm and a nonslip surface to be grasped
by the hand.

19. (new)A Computer Program Operation Interface according to
claim 17comprising:

a horizontal base platform having installed into each of the
four orifices on one or the other side of the vertical
shortwall four industry standard on/off microswitches
with the activation button oriented toward the outside
of the base platform,

said base platform having installed into the orifice molded
into the oval shaped deck and the orifice molded into
the top of the vertical tab an industry standard X-Y axis
rollerball sensor and its appurtenances with the roller-
ball protruding slightly from the outside surface of the
vertical tab and the bottom surface of the oval shaped
deck.

said industry standard on/off microswitches and industry
standard X-Y axis rollerball sensors to be appropriately
wired into an industry standard wiring harness and serial
patch cord,

said serial patch cord exiting the horizontal base platform
through the small U shaped slot in the vertical short-
wall, and

said base platform and switch assembly to be provided with
software means in the computer which allows all of the
switches to to perform predetermined functions within
the software program loaded into the computer with such
modes of activity being changeable and programable.

20. (new)A Computer Program Operation Interface according to
claim 18 and claim 19 comprising:

a molded plastic base platform into which is installed four

industry standard on/off microswitches and two industry
standard X-y axis rollerball sensors over which is is-
stalled a molded plastic covering shell,

said covering shell having molded into one side or the
other four finger pads which are located directly over
the activation buttons of the four industry standard on/
off microswitches located in the side of the shortwall,

said covering shell having a small U shaped slot in the one
end which fits over the serial patch cord which exits the
horizontal base platform and a large U shaped slot in the
other end which fits snugly over the vertical tab, and

said covering shell being secured to the horizontal base
platform by an assembling screw installed through the
hole in the top of the covering shell and into the threa-
ded hole in the top of the vertical pillar rising up from
the oval shaped deck.

21. (new)A Computer Program Operation Interface according to
claim 20 comprising:

an assembled Computer Program Operation Interface allowing
each of the fingers to be positioned over each of the
four finger pads actuating the four industry standard on/
off microswitches located beneath,

allowing the thumb to be positioned to operate the industry
standard X-Y axis rollerball sensor located in the vert-
ical tab, and

allowing the industry standard X-Y axis rollerball sensor
located in the oval shaped deck of the horizontal base
platform to be activated by the horizontal movement of
the device over a horizontal work surface.

22. (new)A Computer Program Operation Interface according to
claim 21 comprising a computer input device which allows
independent and simultaneous of four industry standard
on/off microswitches and two industry standard X-Y axis
rollerball sensors with one hand allowing optimum use of

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the operator's hand.

23. (new)A Computer Program Operation Interface according to claim 20 comprising:

a computer input device with a generally egg shaped covering shell that fits into and completely fills the palm cavity of a relaxed hand in the natural position,

said shape to support and fully distribute the weight of the hand an the palm and the metacarpal-phalangeal region of the hand, and

allowing the hand to function in the natural position without extension of the fingers causing unnatural tension on the tendons of the hand giving rise to the possibility of carpal tunnel syndrome.